

AP20 Rec'd PCT/PTO 13 JUL 2006

## INFORMATION DISCLOSURE STATEMENT

Applicant : Chen, et al.  
 App. No : Unknown  
 Filed : Herewith  
 For : PROCESS FOR THE PRODUCTION  
       OF ASYMMETRIC  
       TRANSFORMATION CATALYSTS  
 Examiner : Unassigned  
 Art Unit : Unassigned

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 13, 2006

(Date)

Rose M. Thiessen, Reg. No. 40,202

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 24 references to be considered by the Examiner. Also enclosed are 17 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed within three months of the filing date, with an RCE or before receipt of a first office action after an RCE and no fee is required.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

Dated: 7/13/06By: Rose M. Thiessen

Rose M. Thiessen  
 Registration No. 40,202  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application No.	Unassigned <b>10/586204</b>
		Filing Date	Herewith
		First Named Inventor	Chen, et al.
		Art Unit	Unassigned
(Multiple sheets used when necessary)		Examiner	Unassigned
SHEET 1 OF 2		Attorney Docket No.	WPTHOM9.002APC

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US 2002-0065417 A1	05-30-2002	Boaz, et al.	
	2	US 2005-0240007-A1	10-27-2005	Knochel, et al.	
	3	US 5,451,684	09-19-1995	McGarrity, et al.	
	4	US 5,583,241	12-10-1996	Spindler, et al.	
	5	US 5,466,844	11-14-1995	Spindler, et al.	
	6	US 6,194,593 B1	02-27-2001	Imamoto, et al.	
	7	US 6,258,979 B1	07-10-2001	Kagan, et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	8	DE 10219490	11-13-2003	Degussa AG	(see equivalent US 2005-0240007-A1)
	9	WO 00/14096 A	03-16-2000	Studiengesellschaft kohle mbH	
	10	WO03/031456 A2	04-17-2003	Solvias AG	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	11	ARGOUARCH, et al. "A New Class of Ferrocene-Based 1,2-Bis(phosphanes) Possessing only Planar Chirality" Eur. J. Org. Chem. 2000, 2893-2899.			
	12	BUTLER, et al. "Synthesis of derivatives of [alpha(dimethylamino)ethyl]ferrocene via lithiation reactions and the structure of 2-[alpha(dimethylamino)ethyl]-1,1'-tris(trimethylsilyl)ferrocene" Organometallics 1986, 5(7), 1320-8; CAPLUS Accession No. 105:443034.			
	13	BUTLER, et al. "The one-step synthesis of chiral amino phosphino ferrocenes" J. Organometallic Chem. 1995, 492(2), 157-64; CAPLUS Accession No. 123:144165.			
	14	COLBY, et al. "P-chiral, Monodentate Ferrocenyl Phosphines, Novel Ligands for Asymmetric Catalysis" J. Org. Chem. 2003, 68(1), 156-166; CAPLUS Accession No. 138:187889.			
	15	GAMBS, et al. "Structural aspects of palladium and platinum complexes with chiral diphosphinoferrocenes relevant to the regio-and stereoselective copolymerization of CO with propene" Helvetica Chimica Acta 2001, 84(10), 3105-3126; CAPLUS Accession No. 2001:862902.			
	16	International Preliminary Report on Patentability in PCT/GB2005/000125 mailed December 9, 2005.			

Examiner Signature	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<sup>T<sup>1</sup></sup> - Place a check mark in this area when an English language Translation is attached.

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		First Named Inventor	Chen, et al.
		Art Unit	Unassigned
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SHEET 2 OF 2		Attorney Docket No.	WPTHOM9.002APC

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
	<b>17</b>	International Search Report in PCT/GB2005/000125 mailed May 10, 2005.		
	<b>18</b>	International Written Opinion in PCT/GB2005/000125 mailed May 10, 2005.		
	<b>19</b>	KIM, et al. "Functionalized organometallic ligand. 1. Synthesis of some ferrocene derivatives of cyclohexyl- and cyclopentadienylphosphines" Bulletin of the Korean Chemical Society 1992, 13(6), 588-92; CAPLUS Accession No. 118:191947.		
	<b>20</b>	NETTEKOVEN, et al. "Diastereoselective Ortho-Metalation of Stereogenic Ferrocenylphosphine Oxides. Asymmetric Synthesis of the First Enantiopure Phosphorus-Chiral 2,2'-bis(diarylphosphino)-1,1'-biferrocenyls" Organometallics 2000, 19, 2299-2309.		
	<b>21</b>	NETTEKOVEN, et al. "Steric and Electronic Ligand Perturbations in Catalysis: Asymmetric Allylic Substitution Reactions Using C <sub>2</sub> -Symmetrical Phosphorus-Chiral (Bi)ferrocenyl Donors" J. Org. Chem. 2001, 66, 759-770.		
	<b>22</b>	Patent Act of 1977, Search Report under Section 17(5), for GB Patent Application No. GB0500701.8, dated June 10, 2005.		
	<b>23</b>	Patent Act of 1977, Search Report under Section 17(5), for GB Patent Application No. GB0500720.9, dated June 10, 2005.		
	<b>24</b>	TROITSKAYA, et al. "Optically active (2-aminomethylferrocenyl)phosphines with the phosphorus chiral center" Russian Chemical Bulletin 1999, 48(9), 1738-1743; CAPLUS Accession No. 132:805612.		

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